Amendments t the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-12. (Cancelled).

13. (Currently Amended) A loudspeaker, ~~at least~~ comprising:

a magnetic circuit;

a frame connected to said magnetic circuit; and

a loudspeaker diaphragm ~~whose~~ having an inner circumference ~~being~~ which is connected to a voice coil embedded in a magnetic gap of said magnetic circuit, and an outer circumference being bonded to said frame;

wherein said loudspeaker diaphragm ~~is one of that defined in Claims 9 to 12~~is manufactured in accordance with the steps of:

heating a molded resin speaker diaphragm; and

activating the surface of said loudspeaker diaphragm by applying plasma while keeping the temperature inside said reactive chamber below a heat deformation temperature of said loudspeaker diaphragm.

14. (Currently Amended) A loudspeaker, ~~at least~~ comprising:

a magnetic circuit;

a frame connected to said magnetic circuit; and

a ~~speaker~~ diaphragm for said loudspeaker ~~whose~~ having an inner circumference ~~being~~ which is connected to a voice coil embedded in a magnetic gap of said magnetic circuit, and an outer circumference being bonded to said frame via an edge;

wherein said ~~speaker~~ diaphragm for said loudspeaker is ~~one of that defined in Claims 9 to 12~~ manufactured in accordance with the steps of:

heating a molded resin loudspeaker diaphragm; and

activating the surface of said loudspeaker diaphragm by applying plasma while keeping the temperature inside said reactive chamber below a heat deformation temperature of said loudspeaker diaphragm.

15.-18. (Cancelled).

19. (Previously Presented) A loudspeaker according to claim 13, wherein said loudspeaker diaphragm is further manufactured in accordance with one of injection molding and sheet forming.

20. (Previously Presented) A loudspeaker according to claim 13, wherein said reactive chamber is disposed with a meshed metal frame inside said reactive chamber and with an electrode outside said reactive chamber.